

**POLISAN HELLAS PRODUCT SPECIFICATION - PoliPET™ 80GP**

**PoliPET™ 80GP** is a copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is suitable for stretch blow molding in one or two stage processes, extrusion and film applications. Specially recommended for general uses in which the main requirement is the balance of optical and mechanical properties. It is particularly recommended for still or carbonated water, low carbonated soft drinks, edible oil, food packaging and spirit drinks.

**Specifications**

Property	Test Method	Unit	Value
Intrinsic Viscosity	ISO 1628 (dichloroacetic acid as solvent)	dl/g	0.80±0.02
Color L*	ASTM 6290		≥ 85
Color b*	ASTM 6290		≤ 1
Acetaldehyde	ASTM F2013	ppm	≤ 1

**Typical Properties**

Property	Unit	Value
Specific Density Crystalline	g/cm <sup>3</sup>	> 1.39
Crystallinity	%	> 48
Moisture	%wt	≤ 0.2
Bulk Density	Kg/m <sup>3</sup>	840
Weight of 20 chips	mg	320
Melting Point	°C	240-250
Typical Molding Temperature	°C	270-290
Drying Conditions - Temperature	°C	165-175
Drying Conditions - Time	h	5-6

All properties are measured under laboratory conditions by the analytical method shown. Different methods or conditions of analysis may give different values. Purchased material will be accompanied by a Certificate or Analysis, with representative average values of specified properties.

**Food Contact Statement**

**PoliPET™ 80GP** complies with the composition of requirements of the Regulation (EC) No 10/2011 and the EU Directive on Packaging and Packaging Waste (94/62/EC) and its amendments.

**Packaging**

Bigbag: 1100 kg. net  
Bulk

**Storage Conditions**

Avoid direct sun light  
Keep in cool and dry place